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Attorney Docket No. 108298735US Disclosure No. 03-0577.00/US

PTO/SB/21 (09-04) proved for use through 07/31/2006. OMB 0651-0031

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			Application Number	10/651,912-Conf. #9571			
l Ti	RANSMITTA	\L	Filing Date	August 29, 2003			
:	FORM		First Named Inventor	Mung Suan Heng			
(to be use	ed for all correspondence after in	nitial filing)	Art Unit	2841			
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Total Number	r of Pages in This Submissio	on 14	Attorney Docket Number	er 108298735US			
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Document(		Remarks	ape Table on CD	•			
Reply to Missing Parts under 37 CFR 1.52 or 1.53							
Firm Name	1	RE OF APPLICA	ANT, ATTORNEY, OR	AGENT			
	PERKINS COIE LLP						
Signature	In	$\sim$					
Printed name	hn M. Wechkin						
Date	June 15, 2005		Reg. No.	42.216			

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(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

Heng et al.

JUN 1 5 2005

Application No.: 10/651,912

Confirmation No.: 9571

Filed: August 29, 2003

Art Unit: 2841

For: STACKED MICROFEATURE DEVICES

Examiner: J. B. Vigushin

AND ASSOCIATED METHODS

## **INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of the U.S. Patent documents cited on the PTO/SB/08 has not been provided. A copy of the Non-Patent Literature cited on the on the PTO/SB/08 has been provided.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other

Application No.: 10/651,912 Docket No.: 108298735US

material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 108298735US.

Dated: June 15, 2005

Respectfully submitted,

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Sul	Substitute for form 1449A/B/PTO			Complete if Known		
				Application Number	10/651,912-Conf. #9571	
11	<b>NFORMATION</b>	N DIS	CLOSURE	Filing Date	August 29, 2003	
l s	TATEMENT I	BY A	PPLICANT	First Named Inventor	Mung Suan Heng	
				Art Unit	2841	
	(Use as many sheets as necessary)			Examiner Name	J. B. Vigushin	
Sheet	1	of	3	Attorney Docket Number	108298735US	

1		l	U.S. PATENT	DOCUMENTS	Daniel California Line 147
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		US-5,128,831	07-07-1992	Fox, III et al.	
		US-5,145,099	09-08-1992	Wood et al.	
		US-5,252,857	10-12-1993	Kane et al.	
		US-5,518,957	05-21-1996	Kim	
		US-5,677,566	10-14-1997	King et al.	
		US-5,826,628	10-27-1998	Hamilton	
		US-5,879,965	03-09-1999	Jiang et al.	
		US-5,883,426	03-16-1999	Tokuno et al.	
		US-5,925,930	07-20-1999	Farnworth et al.	
		US-5,933,713	08-03-1999	Farnworth	
-		US-5,946,553	08-31-1999	Wood et al.	
		US-5,986,209	11-16-1999	Tandy	
		US-5,990,566	11-23-1999	Farnworth et al.	
		US-RE 36,469	12-28-1999	Wood et al.	
		US-6,020,629	02-01-2000	Farnworth et al.	
		US-6,020,624	02-01-2000	Wood et al.	
		US-6,028,365	02-22-2000	Akram et al.	
		US-6,048,744	04-11-2000	Corisis et al.	
		US-6,048,755	04-11-2000	Jiang et al.	
		US-6,051,878	04-18-2000	Akram et al.	
		US-6,072,236	06-06-2000	Akram et al.	
		US-6,072,233	06-06-2000	Corisis et al.	
		US-6,081,429	06-27-2000	Barrett	
		US-6,097,087	08-01-2000	Farnworth et al.	
		US-6,103,547	08-15-2000	Corisis et al.	
		US-6,107,122	08-22-2000	Wood et al.	
		US-6,130,474	10-10-2000	Corisis	
		US-6,133,622	10-17-2000	Corisis et al.	
		US-6,133,068	10-17-2000	Kinsman	

Examiner	Date	
Signature	 Considered	

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Sub	Substitute for form 1449A/B/PTO			Complete if Known		
				Application Number	10/651,912-Conf. #9571	
11	NFORMATION	I DI	SCLOSURE	Filing Date	August 29, 2003	
S	TATEMENT E	3Y A	APPLICANT	First Named Inventor	Mung Suan Heng	
				Art Unit	2841	
	(Use as many she ets as necessary)			Examiner Name	J. B. Vigushin	
Sheet	2	of	3	Attorney Docket Number	108298735US	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US-6,148,509	11-21-2000	Schoenfeld et al.			
		US-6,150,710	11-21-2000	Corisis			
		US-6,153,924	11-28-2000	Kinsman			
		US-6,159,764	12-12-2000	Kinsman et al.			
		US-6,175,149-B1	01-16-2001	Akram			
		US-6,212,767-B1	04-10-2001	Tandy			
		US-6,225,689-B1	05-01-2001	Moden et al.			
		US-6,228,548-B1	05-08-2001	King et al.			
		US-6,229,202-B1	05-08-2001	Corisis	•		
		US-6,235,554-B1	05-22-2001	Akram et al.			
		US-6,239,489-B1	05-29-2001	Jiang			
		US-6,246,108-B1	06-12-2001	Corisis et al.			
		US-6,246,110-B1	06-12-2001	Kinsman et al.			
		US-6,258,624-B1	07-10-2001	Corisis			
		US-6,258,623-B1	07-10-2001	Moden et al.			
		US-6,261,865-B1	07-17-2001	Akram			
		US-6,271,580-B1	08-07-2001	Corisis			
		US-6,281,577-B1	08-28-2001	Oppermann et al.			
		US-6,284,571-B1	09-04-2001	Corisis et al.			
		US-6,291,894-B1	09-18-2001	Farnworth et al.			
		US-6,294,839-B1	09-25-2001	Mess et al.			
		US-6,297,547-B1	10-02-2001	Akram			
		US-6,303,981-B1	10-16-2001	Moden			
		US-6,303,985-B1	10-16-2001	Larson et al.			
		US-6,310,390-B1	10-30-2001	Moden	,		
		US-6,329,705-B1	12-11-2001	Ahmad			
		US-6,329,222-B1	12-11-2001	Corisis et al.			
		US-6,331,448-B1	12-18-2001	Ahmad			
		US-6,344,976-B1	02-05-2002	Schoenfeld et al.			

Examiner	Date
Signature	Considered

Attomey Docket No. 108298735US Disclosure No. 03-0577.00/US

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IN	NFORMATION	I DI	SCLOSURE	Filing Date	August 29, 2003	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Mung Suan Heng	
				Art Unit	2841	
	(Use as many sheets as necessary)			Examiner Name	J. B. Vigushin	
Sheet	3	of	3	Attorney Docket Number	108298735US	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.¹	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
		US-6,429,528-B1	08-06-2002	King et al.	
		US-6,548,376-B2	04-15-2003	Jiang	
		US-6,548,757-B1	04-15-2003	Russell et al.	
		US-6,552,910-B1	04-22-2003	Moon et al.	· · · · · · ·
		US-6,560,117-B2	05-06-2003	Moon	
		US-20030111716-A1	06-19-2003	Ano	•
		US-6,607,937-B1	08-19-2003	Corisis	**************************************
		US-20030160311-A1	08-28-2003	Ismail et al.	
		US-6,670,702-B2	12-30-2003	Corisis et al.	
		US-6,847,105-B2	01-25-2005	Koopmans	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
		Search Report and Written Opinion for Singapore Application No. 200305589-4, Australian Patent Office, April 8, 2005.			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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